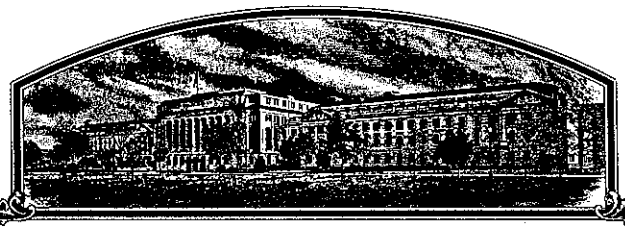
No. 8600091



THE UNITED STATES OF AMERICA

TO ALL TO WHOM THESE PRESENTS SHALL COME:

DeKalb - Pfizer Genetics

Whereas, THERE HAS BEEN PRESENTED TO THE

Secretary of Agriculture

AN APPLICATION REQUESTING A CERTIFICATE OF PROTECTION FOR AN ALLEGED NOVEL VARIETY OF SEXUALLY REPRODUCED PLANT, THE NAME AND DESCRIPTION OF WHICH ARE CONTAINED IN THE APPLICATION AND EXHIBITS, A COPY OF WHICH IS HEREUNTO ANNEXED AND MADE A PART HEREOF, AND THE VARIOUS REQUIREMENTS OF LAW IN SUCH CASES MADE AND PROVIDED HAVE BEEN COMPLIED WITH, AND THE TITLE THERETO IS, FROM THE RECORDS OF THE PLANT VARIETY PROTECTION OFFICE, IN THE APPLICANT(S) INDICATED IN THE SAID COPY, AND WHEREAS, UPON DUE EXAMINATION MADE, THE SAID APPLICANT(S) IS (ARE) ADJUDGED TO BE ENTITLED TO A CERTIFICATE OF PLANT VARIETY PROTECTION UNDER THE LAW.

NOW, THEREFORE, THIS CERTIFICATE OF PLANT VARIETY PROTECTION IS TO GRANT UNTO THE SAID APPLICANT(S) AND THE SUCCESSORS, HEIRS OR ASSIGNS OF THE SAID APPLICANT(S) FOR THE TERM OF *eighteen* YEARS FROM THE DATE OF THIS GRANT, SUBJECT TO THE PAYMENT OF THE REQUIRED FEES AND PERIODIC REPLENISHMENT OF VIABLE BASIC SEED OF THE VARIETY IN A PUBLIC REPOSITORY AS PROVIDED BY LAW, THE RIGHT TO EXCLUDE OTHERS FROM SELLING THE VARIETY, OR OFFERING IT FOR SALE, OR REPRODUCING IT, IMPORTING IT, OR EXPORTING IT, OR USING IT IN PRODUCING A HYBRID OR DIFFERENT VARIETY THEREFROM, TO THE EXTENT PROVIDED BY THE PLANT VARIETY PROTECTION ACT (84 STAT. 1542, AS AMENDED, 7 U.S.C. 2321 ET SEQ.)

CORN

'78002A'

In Testimony Whereof, *I have hereunto set my hand and caused the seal of the* Plant Variety Protection Office *to be affixed at the City of* Washington, D. C. *this* 31st *day of* December *in the year of our Lord one thousand nine hundred and* eighty-six.

Attest:

Kenneth A. Evans
Commissioner
Plant Variety Protection Office
Agricultural Marketing Service

Richard E. Lyng
Secretary of Agriculture

UNITED STATES DEPARTMENT OF AGRICULTURE
AGRICULTURAL MARKETING SERVICE
LIVESTOCK, POULTRY, GRAIN & SEED DIVISION

APPLICATION FOR PLANT VARIETY PROTECTION CERTIFICATE

INSTRUCTIONS: *See Reverse.*

FORM APPROVED
OMB NO. 40-R3822

No certificate for plant variety protection may be issued unless a completed application form has been received (5 U.S.C. 553).

1a. TEMPORARY DESIGNATION OF VARIETY	1b. VARIETY NAME	FOR OFFICIAL USE ONLY
78002A	78002A	PV NUMBER 8600091
2. KIND NAME: Corn	3. GENUS AND SPECIES NAME: Zea Mays	FILING DATE: March 24 1986 / TIME: ~~A.M.~~ 4:00 P.M.
4. FAMILY NAME (BOTANICAL): Gramineae	5. DATE OF DETERMINATION: 1981	FEE RECEIVED: $ 1800. / $ 200.00 / DATE: 3/24/86 / 4/15/86

6. NAME OF APPLICANT(S)	7. ADDRESS (*Street and No. or R.F.D. No., City, State, and ZIP Code*)	8. TELEPHONE AREA CODE AND NUMBER
DeKalb-Pfizer Genetics	3100 Sycamore Road DeKalb, IL 60115	815/756-3671

9. IF THE NAMED APPLICANT IS NOT A PERSON, FORM OF ORGANIZATION: (*Corporation, partnership, association, etc.*)	10. IF INCORPORATED, GIVE STATE AND DATE OF INCORPORATION	11. DATE OF INCORPORATION
General Partnership		

12. NAME AND MAILING ADDRESS OF APPLICANT REPRESENTATIVE(S), IF ANY, TO SERVE IN THIS APPLICATION AND RECEIVE ALL PAPERS: * Waddell A. Biggart, Sughrue, Mion, Zinn, Macpeak & Seas, 1776 K St., N.W., Washington, DC 20006 (202) 293-7060; Eric Christophersen, Esq., 3100 Sycamore Rd., DeKalb, IL 60115; Dr. James H. Monroe, Legal Div., Pfizer Inc., 233 E. 42nd St., New York, NY 10017 (212) 573-2369

13. CHECK BOX BELOW FOR EACH ATTACHMENT SUBMITTED:

- [X] 13A. Exhibit A, Origin and Breeding History of the Variety *(See Section 52 of the Plant Variety Protection Act.)*
- [X] 13B. Exhibit B, Novelty Statement.
- [X] 13C. Exhibit C, Objective Description of the Variety *(Request form from Plant Variety Protection Office.)*
- [X] 13D. Exhibit D, Additional Description of the Variety.
- X 13E. Exhibit E, Statement regarding Ownership of Certificate

14a. DOES THE APPLICANT(S) SPECIFY THAT SEED OF THIS VARIETY BE SOLD BY VARIETY NAME ONLY AS A CLASS OF CERTIFIED SEED? *(See Section 83(a). (If "Yes," answer 14B and 14C below.)* [ ] YES [X] NO

14b. DOES THE APPLICANT(S) SPECIFY THAT THIS VARIETY BE LIMITED AS TO NUMBER OF GENERATIONS?	14c. IF "YES," TO 14B, HOW MANY GENERATIONS OF PRODUCTION BEYOND BREEDER SEED?
[ ] YES [X] NO	[ ] FOUNDATION [ ] REGISTERED [ ] CERTIFIED

15a. DID THE APPLICANT(S) FILE FOR PROTECTION OF THIS VARIETY IN OTHER COUNTRIES? [ ] YES [X] NO *(If "Yes," give name of countries and dates.)*

15b. HAVE RIGHTS BEEN GRANTED THIS VARIETY IN OTHER COUNTRIES? [ ] YES [X] NO *(If "Yes," give name of countries and dates.)*

~~16. DOES THE APPLICANT(S) AGREE TO THE PUBLICATION OF HIS/HER (THEIR) NAME(S) AND ADDRESS IN THE OFFICIAL JOURNAL? [ ] YES [ ] NO~~

17. The applicant(s) declare(s) that a viable sample of basic seed of this variety will be furnished with the application and will be replenished upon request in accordance with such regulations as may be applicable.

The undersigned applicant(s) is (are) the owner(s) of this sexually reproduced novel plant variety, and believe(s) that the variety is distinct, uniform, and stable as required in Section 41, and is entitled to protection under the provisions of Section 42 of the Plant Variety Act.

Applicant(s) is (are) informed that false representation herein can jeopardize protection and result in penalties.

March 20, 1986
(DATE)

Thomas B. Slee
(SIGNATURE OF APPLICANT)
Vice President, Director of Research

(DATE)

(SIGNATURE OF APPLICANT)

FORM GR-470 (1-78)

NOTE: * Please address all correspondence to W.A. Biggart, Esq., Washington, DC

Exhibit A. Origin and Breeding History of Dent Corn Inbred 78002A

Summer 1977: The cross B73(Iowa Stiff Stalk Synthetic) x A634 (Mt42 x B14 BC3) was made at Dayton, Iowa. S0 generation seed from the harvested ears was bulked. (1977 Nursery cross number 1670 x NC69. B73 was row 1670 and A634 was row NC69).

Winter 1977: Seed of the S0 generation cross was sent to Homestead, Florida, for self pollination. All harvested ears were returned to Dayton, Iowa, shelled and the S1 generation seed bulked. (1977 Winter nursery row number 1897).

Summer 1978: The S1 generation seed was planted at Dayton, Iowa, in a single row and the plants were self pollinated. Three self pollinated ears (S2 generation seed) were harvested, shelled separately, and the S2 seed maintained separately. (1978 Nursery row number 4767).

Winter 1978: S2 generation seed of ear number one (of three harvested) was planted at Homestead, Florida, in a five row block and the plants self pollinated. Five self pollinated ears were harvested and returned to Dayton, Iowa. Seed of each ear was shelled separately and the S3 generation seed maintained separately. (1978 Winter nursery rows 962-966).

Summer 1979: S3 generation seed of ear number one (of the five harvested) was planted at Dayton, Iowa, in a two row block and the plants self pollinated. Three self pollinated ears were harvested, shelled separately, and the S4 generation seed maintained separately. (1979 Nursery rows 4085-4086).

Winter 1979: S4 generation seed of ear number two (of the three harvested) was planted at Homestead, Florida, in a single row and the plants self pollinated. One self pollinated ear was harvested and returned to Dayton, Iowa, and the S5 generation seed shelled and maintained. (1979 Winter nursery row 83).

Summer 1980: S5 generation seed from the single ear was planted at Dayton, Iowa, in a single row and the plants self pollinated. Three self pollinated ears were harvested, shelled separately, and the S6 generation seed maintained separately. (1980 Nursery row 3083). The seed from ear number one was coded 78002A. The complete selfing pedigree of 78002A at the S6 generation was S6-1-1-2-1-1.

Winter 1980: S6 generation seed of 78002A was planted at Homestead, Florida, and the plants self pollinated. Fourteen ears were harvested, returned to Dayton, Iowa, and the shelled seed bulked. (1980 Winter nursery row 431).

Summer 1981 to Present: A pure source of 78002A has been maintained by self pollinating and bulking seed from selected ears from each generation.

The initial cross of B73 x A634 and the selection in each of the segregating generations up to and including the coding of 78002A was made by Dr. M.F. Lindsey.

05310/3/002
DEKALB - PFIZER GENETICS

8600091

Applicant

78002A Exhibit A, Appendium I

1025 OAK ST
DEKALB IL 60115

TEST Date DECEMBER 15, 1983

Test No. 409076

78002A

Lot No. 27N146,TD.

Kind & Variety (Producers Declaration)
FOUNDATION ER212 CORN F5

THIS SAMPLE MEETS CERTIFICATION REQUIREMENTS BASED ON SOURCE OF SEED, FIELD INSPECTION AND LABORATORY ANALYSIS

GERMINATION REPORT: 400 Seeds

Germination	%	Strong	%	Cold Test	%
Hard Seed	%	Pod & Stem Blight	%	A-A Test	%
Dead Seed	%	Other Diseases	%	Tetrazolium	%

PURITY REPORT:

Pure Seed		99.82	%
Weed Seeds		.00	%
Other Crop Seeds		.00	%
Total Inert Matter		.18	%
Broken Seed	.17		%
Other Inert	.01		%

Test Weight 58.80 LBS.

Moisture 8.00 %

Total Weight of Sample Examined: 500.00

Dockage from 1,000 grams:

Noxious Weeds	Other Weed Seeds
NONE FOUND	NONE FOUND
Other Crop Seeds	**Inert Matter**
NONE FOUND	BROKEN SEED CHAFF

REMARKS:

This certifies that the sample of seed submitted of the lot designated above has been analyzed in accordance with the RULES FOR SEED TESTING AS ADOPTED BY THE ASSOCIATION OF OFFICIAL SEED ANALYSTS. VIGOR TESTING INFORMATION CANNOT BE USED FOR LABELING PURPOSES.

ILLINOIS CROP IMPROVEMENT ASSOCIATION, INC.
508 South Broadway, Urbana, Illinois 61801
Telephone: 217-367-4053

Registered Seed Technologist

James R. Sherd
Manager

M 3-0881

DECEMBER 19, 1983

RECD FEB 14 1985 4

Exhibit B. Novelty Statement

78002A is a yellow dent corn inbred line derived from a single cross (B73 x A634). The public line that is most similar to 78002A is A634.

A634Ht is the single gene resistant to race 1 of Helminthosporium Turcicum. 78002A is statistically different from A634Ht in leaf angle from the stalk (23.7° vs 49.7°), ear height (90 vs 101) and ear weight (83 vs 75). (See Exhibit B, Appendium I)..

Additional distinguishing difference is the cob color. The cob color of 78002A is brown and the cob color of A634 is red. (See Exhibit B, Appendium II).

78002A

Exhibit B. Novelty Statement

Appendium I.

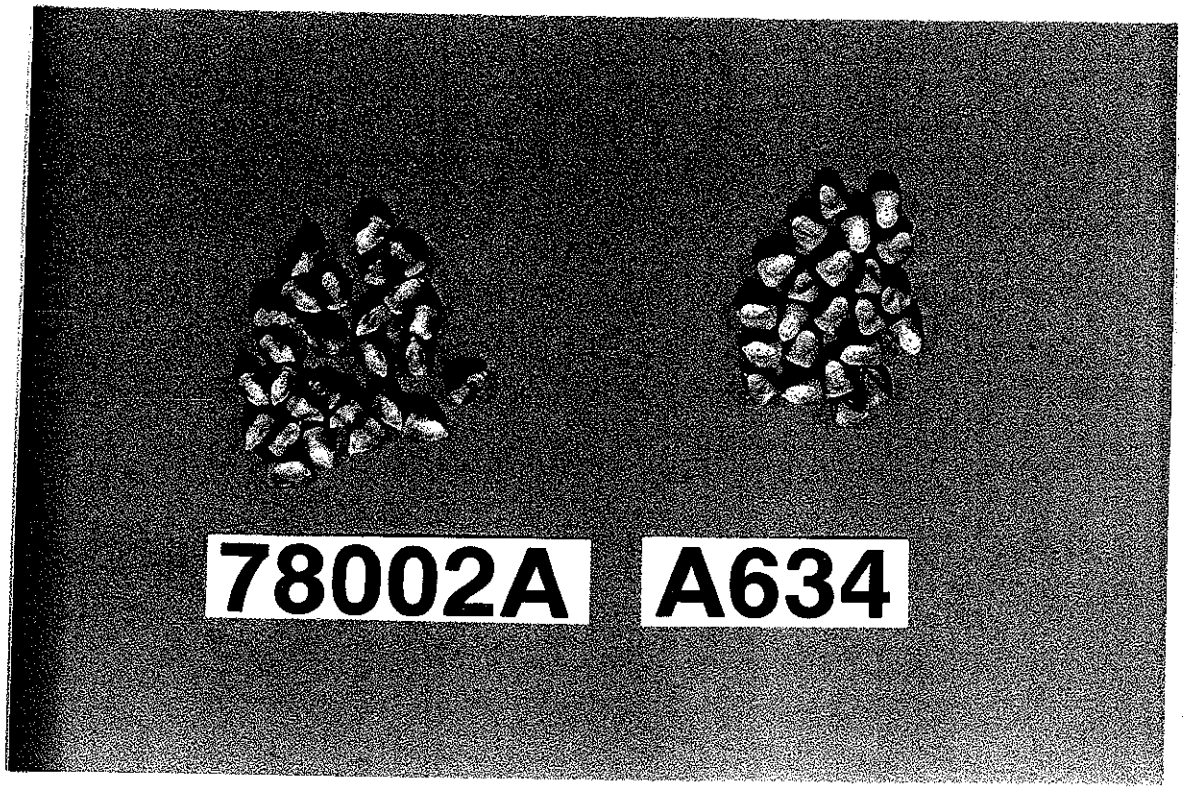
78002A vs. A634Ht

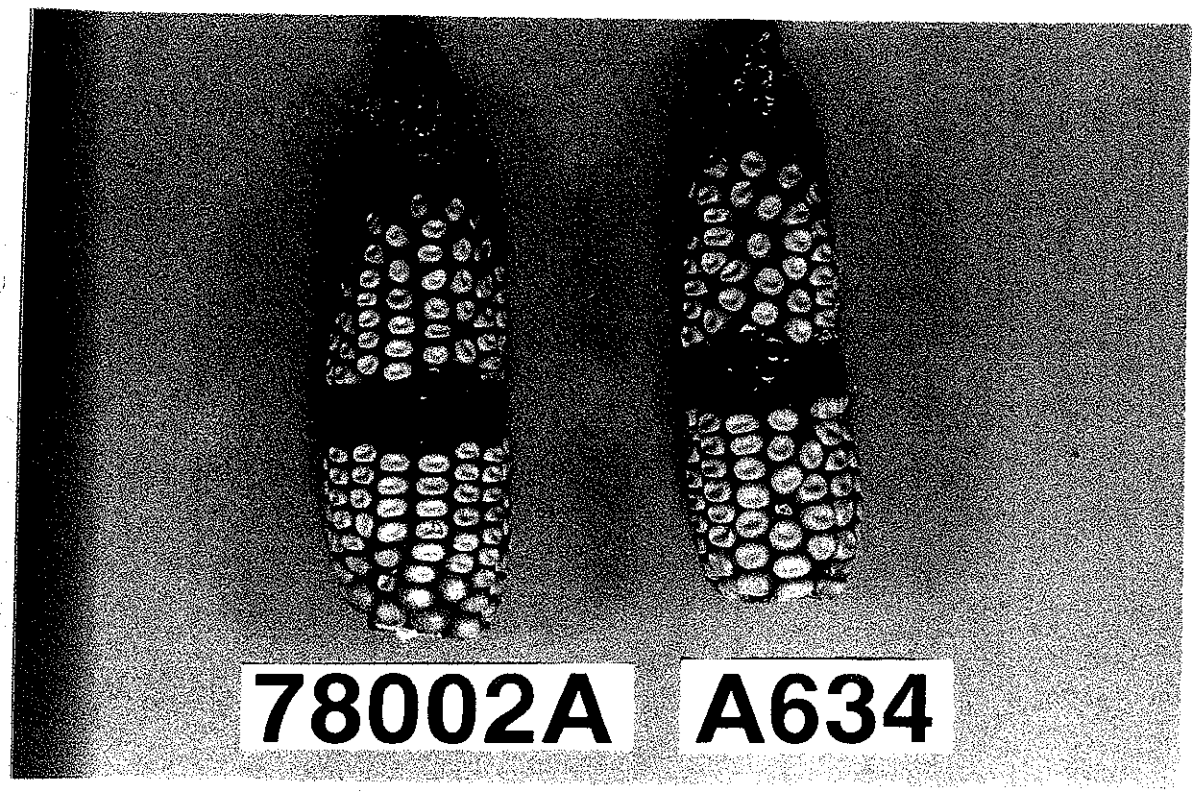
Plant and Ear Characteristics	78002A	A634Ht	Testing Hypothesis $H_o: \mu_1 = \mu_2$ $H_A: \mu_1 \neq \mu_2$
1. Leaf angle from the stalk (°)	23.7°	49.7°	Sig.(α = 0.1)
2. Ear height (cm)	90	101	Sig.(α = 0.1)
3. Ear Diameter (mm)	41	37	Sig.(α = 0.1)
4. Ear weight (gm)	83	75	Sig.(α = 0.1)

1) $n_1 \neq n_2$

2) Detailed calculations are available.

13B. Exhibit B. Novelty Statement, Appendium II.





78002A and A634 have a dent kernel. The cob color of 78002A is brown and the cob color of A634 is red.

78002A

FORM APPROVED. OMB NO. 40-R3712

FORM GR-470-28
(2-15-74)

UNITED STATES DEPARTMENT OF AGRICULTURE
AGRICULTURAL MARKETING SERVICE
GRAIN DIVISION
HYATTSVILLE, MARYLAND 20782

EXHIBIT C
(Corn)

OBJECTIVE DESCRIPTION OF VARIETY

CORN *(ZEA MAYS)*

78002A

NAME OF APPLICANT(S)
DeKalb-Pfizer Genetics

ADDRESS *(Street and No. or R.F.D. No., City, State, and ZIP Code)*
3100 Sycamore Road
DeKalb, IL 60115

FOR OFFICIAL USE ONLY

PVPO NUMBER
8600091

VARIETY NAME OR TEMPORARY DESIGNATION

Place the appropriate number that describes the varietal character of this variety in the boxes below.
Place a zero in first box (e.g. [0][8][9] or [0][9]) when number is either 99 or less or 9 or less.

1. TYPE:

[2] 1 = SWEET 2 = DENT 3 = FLINT 4 = FLOUR 5 = POP 6 = ORNAMENTAL

2. REGION WHERE BEST ADAPTED IN THE U.S.A.:

[2] 1 = NORTHWEST 2 = NORTHCENTRAL 3 = NORTHEAST 4 = SOUTHEAST
5 = SOUTHCENTRAL 6 = SOUTHWEST 7 = MOST REGIONS

3. MATURITY (In Region of Best Adaptability):

(Under "omments" (pg. 3) state how heat units were calculated)

[9][2] DAYS FROM EMERGENCE TO 50% OF PLANTS IN SILK — [1][5][8][7] HEAT UNITS

[ ][ ] DAYS FROM 50% SILK TO OPTIMUM EDIBLE QUALITY — [ ][ ][ ][ ] HEAT UNITS

[6][1] DAYS FROM 50% SILK TO HARVEST AT 25% KERNEL MOISTURE — [1][2][2][5] HEAT UNITS

4. PLANT:

[2][0][7] CM. HEIGHT (To tassel tip)

[0][9][0] CM. EAR HEIGHT (To base of top ear)

[1][3] CM. LENGTH OF TOP EAR INTERNODE

Number of Tillers:

[1] 1 = NONE 2 = 1–2 3 = 2–3 4 = > 3

Number of Ears Per Stalk:

[1] 1 = SINGLE 2 = SLIGHT TWO-EAR TENDENCY
3 = STRONG TWO-EAR TENDENCY 4 = THREE-EAR TENDENCY

Cytoplasm Type:

[1] 1 = NORMAL 2 = "T" 3 = "S" 4 = "C" 5 = OTHER (Specify) _____

5. LEAF (Field Corn Inbred Examples Given):

Color:

[3] 1 = LIGHT GREEN (HY) 2 = MEDIUM GREEN (WF9) 3 = DARK GREEN (B14) 4 = VERY DARK GREEN (K166)

Angle from Stalk (Upper half):

[1] 1 = < 30° 2 = 30–60° 3 = > 60°

Sheath Pubscence:

[2] 1 = LIGHT (W22) 2 = MEDIUM (WF9)
3 = HEAVY (OH26)

Marginal Waves:

[2] 1 = NONE (HY) 2 = FEW (WF9) 3 = MANY (OH7L)

Longitudinal Creases:

[1] 1 = ABSENT (OH51) 2 = FEW (OH56A)
3 = MANY (PA11)

Width:

[0][7] CM. WIDEST POINT OF EAR NODE LEAF

Length:

[0][9][2] CM. EAR NODE LEAF

[2][1] NUMBER OF LEAVES PER MATURE PLANT

8600091

6. TASSEL:

[0 6] NUMBER OF LATERAL BRANCHES

Branch Angle from Central Spike:

[3] 1 = < 30° 2 = 30–40° 3 = > 45°

Peduncle Length:

[0 6] CM. FROM TOP LEAF TO BASAL BRANCHES

Pollen Shed:

[2] 1 = LIGHT (WF9) 2 = MEDIUM 3 = HEAVY(KY21)

[4] Anther Color:
[5] Glume Color:
1 = YELLOW 2 = PINK 3 = RED 4 = PURPLE 5 = GREEN
6 = OTHER (Specify) _____

Pollen Restoration for Cytoplasms (o = Not Tested, 1 = Partial, 2 = Good)

[ ] "T" [ ] "S" [ ] "C" [X] OTHER (Specify Cytoplasm and degrees of restoration) Not Tested

7. EAR (Husked Ear Data Except When Stated Otherwise):

[1 5] CM LENGTH [4 1] MM. MID-POINT DIAMETER [8 3] GM. WEIGHT

Kernel Rows:

[2] 1 = INDISTINCT 2 = DISTINCT [1 4] NUMBER

[2] 1 = STRAIGHT 2 = SLIGHTLY CURVED 3 = SPIRAL

Silk Color (Exposed at Silking Stage):

[5] 1 = GREEN 2 = PINK 3 = SALMON 4 = RED 5 = Purple

Husk Color:

[1] FRESH
[6] DRY
1 = LIGHT GREEN 2 = DARK GREEN 3 = PINK 4 = RED 5 = PURPLE 6 = BUFF

Husk Extention: (Harvest Stage)

[2] 1 = SHORT (Ears Exposed) 2 = MEDIUM (Barely Covering Ear) 3 = LONG (8–10CM Beyond Ear Tip) 4 = VERY LONG (> 10 CM)

Husk Leaf:

[1] 1 = SHORT (< 8 CM) 2 = MEDIUM (8–15 CM) 3 = LONG (> 15 CM)

Shank:

[1 6] CM LONG [9] NO. OF INTERNODES

Position at Dry Husk Stage:

[1] 1 = UPRIGHT 2 = HORIZONTAL 3 = PENDENT

Taper:

[1] 1 = SLIGHT 2 = AVERAGE 3 = EXTREME

Drying Time (Unhusked Ear):

[ ] 1 = SLOW 2 = AVERAGE 3 = FAST

8. KERNEL (Dried):

Size (From Ear Mid-Point):

[1 1] MM LONG [0 9] MM. WIDE [0 6] MM. THICK

Shape Grade (% Rounds)

[5] 1 = < 20 2 = 20–40 3 = 40–60 4 = 60–80 5 = > 80

9

8. KERNEL (Dried) :

[1] **Pericarp Color:** 1 = COLORLESS 2 = RED-WHITE 3 = TAN 4 = BRONZE 5 = BROWN 6 = LIGHT RED 7 = CHERRY RED 8 = VARIEGATED (Describe) _____

[1] **Aleurone Color:** 1 = HOMOZYGOUS 2 = SEGREGATING (Describe) _____

[1] 1 = WHITE 2 = PINK 3 = TAN 4 = BROWN 5 = BRONZE 6 = RED 7 = PURPLE 8 = PALE PURPLE 9 = VARIEGATED (Describe) _____

[3] & [5] **Endosperm Color:** 1 = WHITE 2 = PALE YELLOW 3 = YELLOW 4 = PINK-ORANGE 5 = WHITE CAP.

Endosperm Type:

[3] 1 = SWEET (su1) 2 = EXTRA SWEET (sh2) 3 = NORMAL STARCH 4 = HIGH AMYLOSE STARCH 5 = WAXY STARCH 6 = HIGH PROTEIN 7 = HIGH LYSINE 8 = OTHER (Specify) _____

[3][1] GM. WEIGHT /100 SEEDS (Unsized Sample)

9. COB:

[2][6] MM. DIAMETER AT MID-POINT

Strength:

[2] 1 = WEAK 2 = STRONG

Color:

[4] 1 = WHITE 2 = PINK 3 = RED 4 = BROWN 5 = VARIEGATED 6 OTHER (Specify) _____

10. DISEASE RESISTANCE (0 = Not Tested, 1 = Susceptible, 2 = Resistant):

[0]	STALK ROT (Diplodia)	[0]	STALK ROT (Fusarium)	[0]	STALK ROT (Gibberella)
[1]	NORTHERN LEAF BLIGHT	[1]	SOUTHERN LEAF BLIGHT	[0]	SMUT
[0]	SOUTHERN RUST	[0]	CORN SMUT	[0]	BACTERIAL WILT
[0]	BACTERIAL LEAF BLIGHT	[0]	MAIZE DWARF MOSAIC	[0]	STUNT
[ ]	OTHER (Specify) Anthracnose (foliar phase)-2; Eyespot-2				

11. INSECT RESISTANCT (0 = Not Tested, 1 = Susceptible, 2 = Resistant):

[1]	CORNBORER	[0]	EARWORM	[0]	SAPBEETLE	[0]	APHID
[0]	ROOTWORM (Northern)	[0]	ROOTWORM (Western)				
[0]	ROOTWORM (Southern)	[0]	OTHER (Specify) _____				

12. VARIETIES MOST CLOSELY RESEMBLING THAT SUBMITTED FOR THE CHARACTERS GIVEN:

CHARACTER	VARIETY	CHARACTER	VARIETY
Maturity		Kernel Type	
Plant Type	A634	Quality (Edible)	
Ear Type	B73	Usage	

REFERENCES:

U.S. Department Agriculture. Yearbook 1937.

Corn: Culture, Processing, Products. 1970 Avi Publishing Company, Westport, Connecticut. (Numerous (Authors)

Emerson, R.A., G.W. Beadle, and A.C. Fraser. A Summary of Linkage Studies in Maize.Cornell A.E.S., Mem. 180. 1935.

The Mutants of Maize. 1968. Crop Science Society of America. Madison, Wisconsin.

Stringfield, G.H. Maize Inbred Lines of Ohio. Ohio A.E.S. Bul. 831. 1959.

Butler, D.R. 1954 – A System for the Classification of Corn Inbred Lines – PhD. Thesis, Ohio State University.

COMMENTS: Heat Units Calculations:

$$GDD = \frac{\text{Daily max. temp } (\leq 86°F) + \text{Daily min. temp. } (\geq 50°F)}{2} - 50°F$$

10

Exhibit D.

Additional Description of the Variety.

The isozyme analysis of 78002A and A634Ht shows genetic differences at 3 different loci: Acph - 2 vs 4, IDH B - 4 vs 6 and MDH B - 3.5 vs 6. (See Exhibit D, Appendium I).

Exhibit D.

Additional Description of the Variety.

Appendium I

Isozyme Genotypes of Selected DEKALB Parents

	Alleles Present		
LOCUS	**78002A**	**B73Ht**	**A634Ht**
# of plants assayed	6	6	6
ACPH	2	2	4
ADH	4	4	4
Cat	9	9	9
EP	6	6	6
GOT U	4	4	4
GOT M	4	4	4
GOT L	4	4	4
B-Glu	7	7	7
IDH A	4	4	4
IDH B	4	4	6
MDH A	6*	6*	6*
MDH B	3.5	3.5	6
MDH C	16	16	16
MDH D	12	12	12
MDH E	12	12	12
PGM A	9	9	9
PGM B	4	4	4
PHI	5	4	5

* Allele is probably a 6 but null cannot be ruled out.

The technique of using isozymes for genotyping or "fingerprinting" is described by the following reference:

Goodman, M. M. and C. W. Stuber. 1980
Genetic identification of lines and crosses using isoenzyme electrophoresis. Proceedings of the Thirty-fifth Annual Corn and Sorghum Industry Research Conference.

LAW OFFICES
SUGHRUE, MION, ZINN, MACPEAK & SEAS
1776 K STREET, N.W.
WASHINGTON, D.C. 20006-2359

TELEPHONE
(202) 293-7060
CABLE ADDRESS
LEXPAT WASHINGTON
TELEX 248503
FACSIMILE
(202) 293-7860

RICHARD C. SUGHRUE, P.C.
JOHN H. MION, P.C.
DONALD E. ZINN, P.C.
THOMAS J. MACPEAK, P.C.
ROBERT J. SEAS, JR., P.C.
DARRYL MEXIC, P.C.
ROBERT V. SLOAN, P.C.*
PETER D. OLEXY, P.C.
J. FRANK OSHA
WADDELL A. BIGGART, P.C.
ROBERT G. McMORROW, P.C.
LOUIS GUBINSKY, P.C.
NEIL B. SIEGEL
DAVID J. CUSHING
CYNTHIA CLARKE DALE
JOHN R. INGE#
JOSEPH J. RUCH, JR.°
JOHN K. DONAGHY△
RICHARD C. TURNER
KENNETH J. BURCHFIEL
CHARLES S. P. GUENZER
GORDON KIT
SUSAN M. JOVANOVICH
FRANK L. BERNSTEIN
MARK D. KULLER
MARK BOLAND°
DAVID L. HOFFMAN°

OF COUNSEL
SHELDON I. LANDSMAN, P.C.
HOWARD L. BERNSTEIN, P.C.
ALAN J. KASPER

*MD; #MA; △VA; °PA, VA; °PA

March 24, 1986

8600091

EXHIBIT E

Plant Variety Protection Office
United States Department of Agriculture
AMS-USDA
Room 500 -- National Agricultural
Library Building
Beltsville, MD 20705

Re: Plant Variety Protection
Certificate Application
Hybrid Inbred Corn Line 78002A
DPG 8506C

Dear Sirs:

Dr. Marvin F. Lindsey, breeder of corn line 78002A, was from 1970 through July 14, 1982, a full-time employee of Pfizer Genetics Inc. DeKalb-Pfizer Genetics, a general partnership between DeKalb AgResearch, Inc. and Pfizer Genetics, Inc., succeeded on July 14, 1982, to substantially all of the assets of Pfizer Genetics, Inc., including all of the rights to 78002A. From July 15, 1982, to the present, Dr. Lindsey has been a full-time employee of DeKalb-Pfizer Genetics.

Very truly yours,

Waddell A Biggart

Waddell A. Biggart

WAB/cmg

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